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|---------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------|
| TRAVEL | | |
| X axis | 2500 / 98.4" | mm/(inch) |
| Y axis | 1700 +480 / (66.9" +18.8") | mm/(inch) |
| Z axis | 900 / 35.4" | mm/(inch) |
| Distance between columns | 1800 / 70.9" | mm/(inch) |
| Table | | |
| Dimension | 2700 x 1200 / (106.3"x47.2") | mm/(inch) |
| Working area (without tool length) | 2020 x 1700 / (79.5"x66.9") | mm/inch |
| T-Slot (W x No. x CD) | 22 x 9 x 200 | mm |
| Max. Table load | 6200 / 13640 | kgs / lbs |
| Spindle | | |
| Spindle speed (Built-in type) | 18000 RPM | rpm |
| Spindle motor (Built-in type) / Torque Max. | 29.5kw / 70.4NM | kw/NM |
| Spindle Taper | HSK A63 | |
| Feedrate | | |
| Cutting feed | 1-10,000 (DEPENING ON CONTROLLER) | mm |
| X/Y axis rapid traverse(o.p.) | 24 (36) | M |
| Z axis rapid traverse(o.p.) | 15 | M |
| X axis servo motor | HEIDENHAIN : X, Y axis: QSY-190D 9.6kw 38NM Z axis: QSY-190C 7.2kw 28NM(+Nitrogen balance) | NM |
| Y/Z axis servo motor | SIEMENS : X,Y axis: 1FK7103 5.37kw 36NM | NM |
| X/Y/Z axis with Gear reducer | Z axis: 1FK7101 4.87kw 27NM (+Nitrogen balance) | |
| Linear guide (Roller Type) | | |
| X axis | X:55x2sets | rpm |
| Y axis | Y:45x2sets + 25x1set | rpm |
| Z axis | Z:55x2sets | rpm |
| Ballscrew | | |
| X axis ballscrew dia x pitch | 55 x 12 | mm/(in) |
| Y axis ballscrew dia x pitch | 50 x 12 | mm/(in) |
| Z axis ballscrew dia x pitch | 45 x 10 | mm/(in) |
| ATC | | |
| Type of tool(HSK63A/BT40) | Tool capacity | 12(OP) 16/20 |
| Type of tool(for BT40/BT50) | Tool capacity | 24/30 (Disc type) |
| Type of tool(for BT40/BT50) | Tool capacity | 32/40/60/80/120 (Chain type) |
| Maximum tool diameter | 24T(BT40) : 78(3.1") / 24T(BT50) : 110(4.3") | mm/inch |
| Maximum tool length | 24T(BT40) : 300(11.8") / 24T(BT50) : 350(13.8") | mm/inch |
| Maximum tool weight | 8(17.63) / 20(44) | kgs / lbs |
| Tool to tool time | 1.8 / 2.5 | sec |
| Air supply | 6 | kg / cm ² |
| Power supply | 35 | KVA |
| Coolant pump | 1HP x 2pcs | HP |
| Machine weight (net) | 26500 / 58300 | kgs / lbs |
| Raiser block 200mm(O.P.) | x | mm |
| Raiser block 500mm(O.P.) | x | mm |

*All specifications and designs are subject to change without notice.